

Fig. 1a Location Device Scheme 1

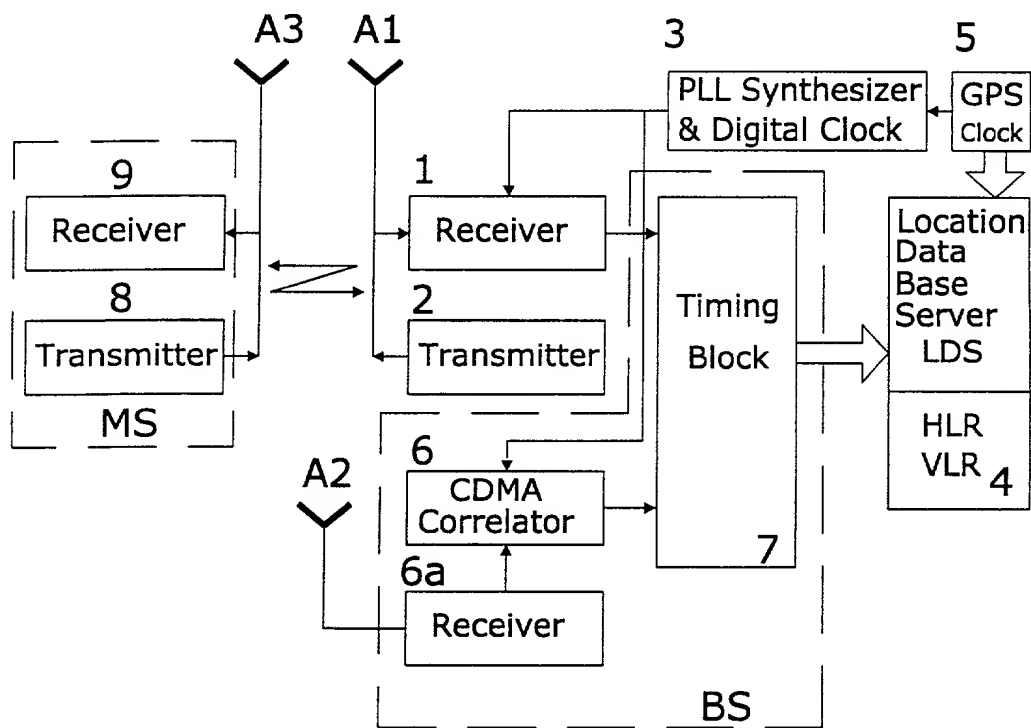


Fig. 1b Location Device Scheme 2

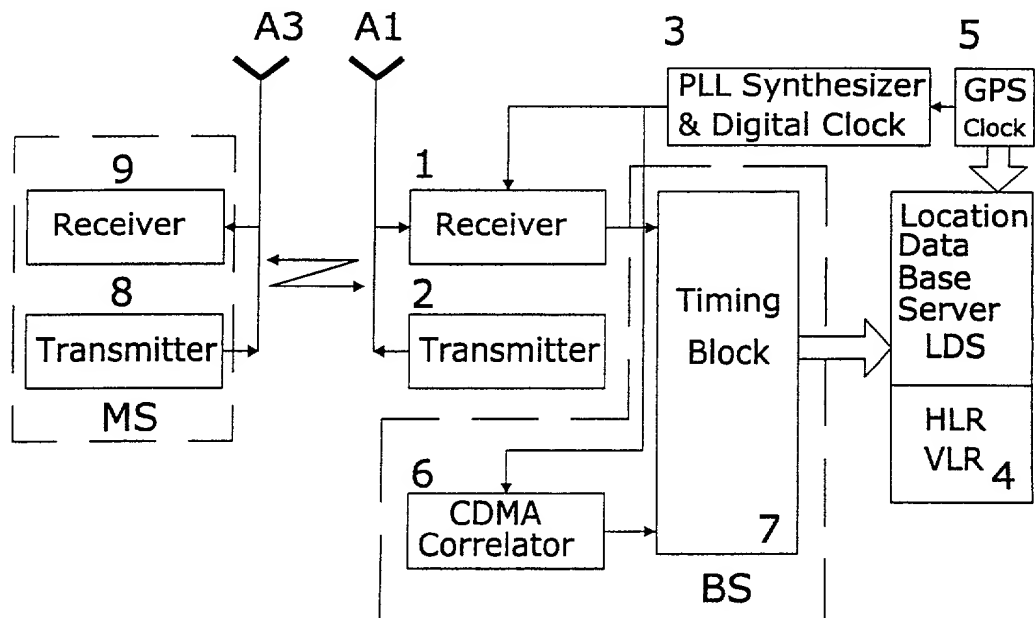


Fig. 1c Location Service Scheme

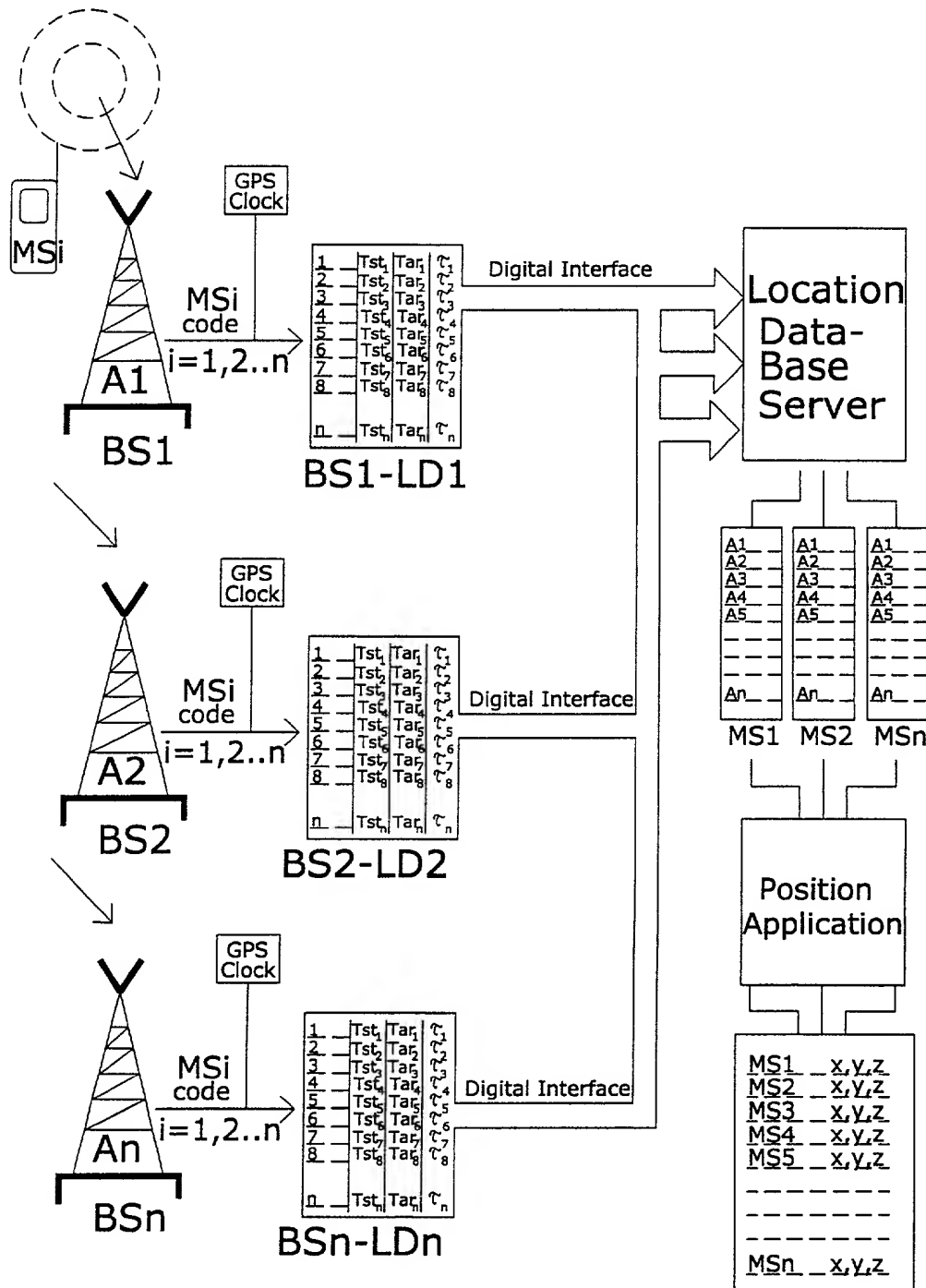


Fig. 2 Diagram of BTS Receiver with Timing Block Device

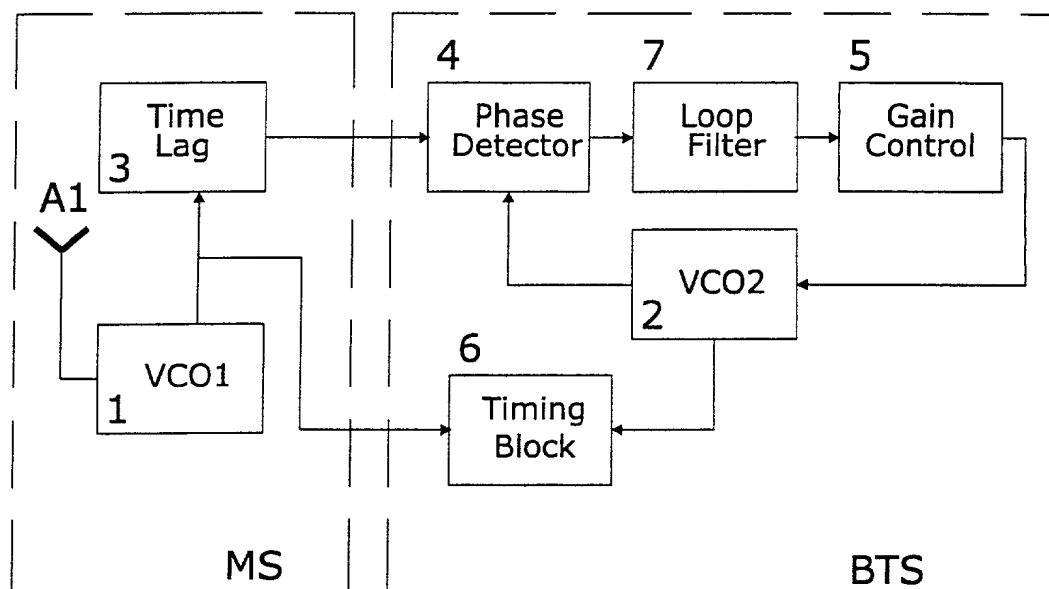


Fig. 3a & 3b Location Device and Antenna Configuration Scheme

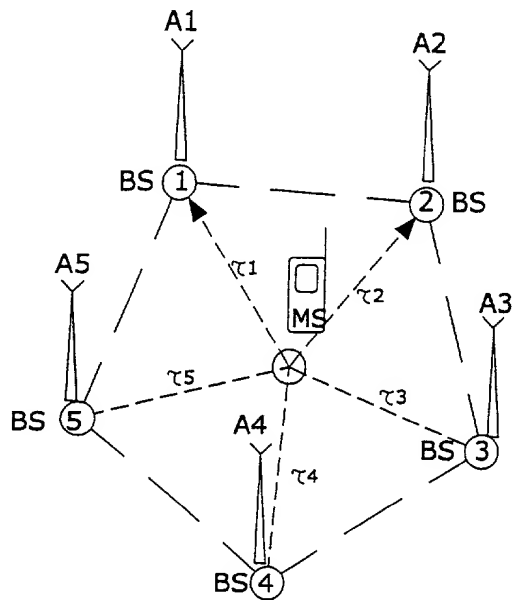


Fig. 3a

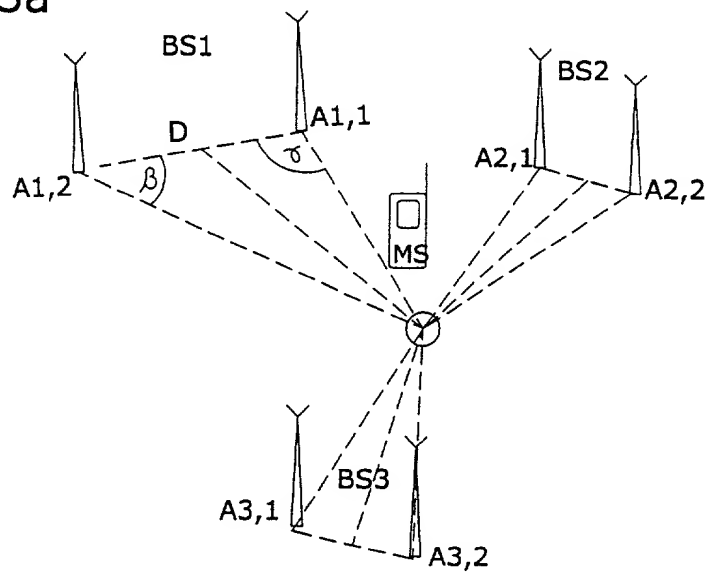


Fig. 3b

Fig. 4a Diagram of Location Device LD

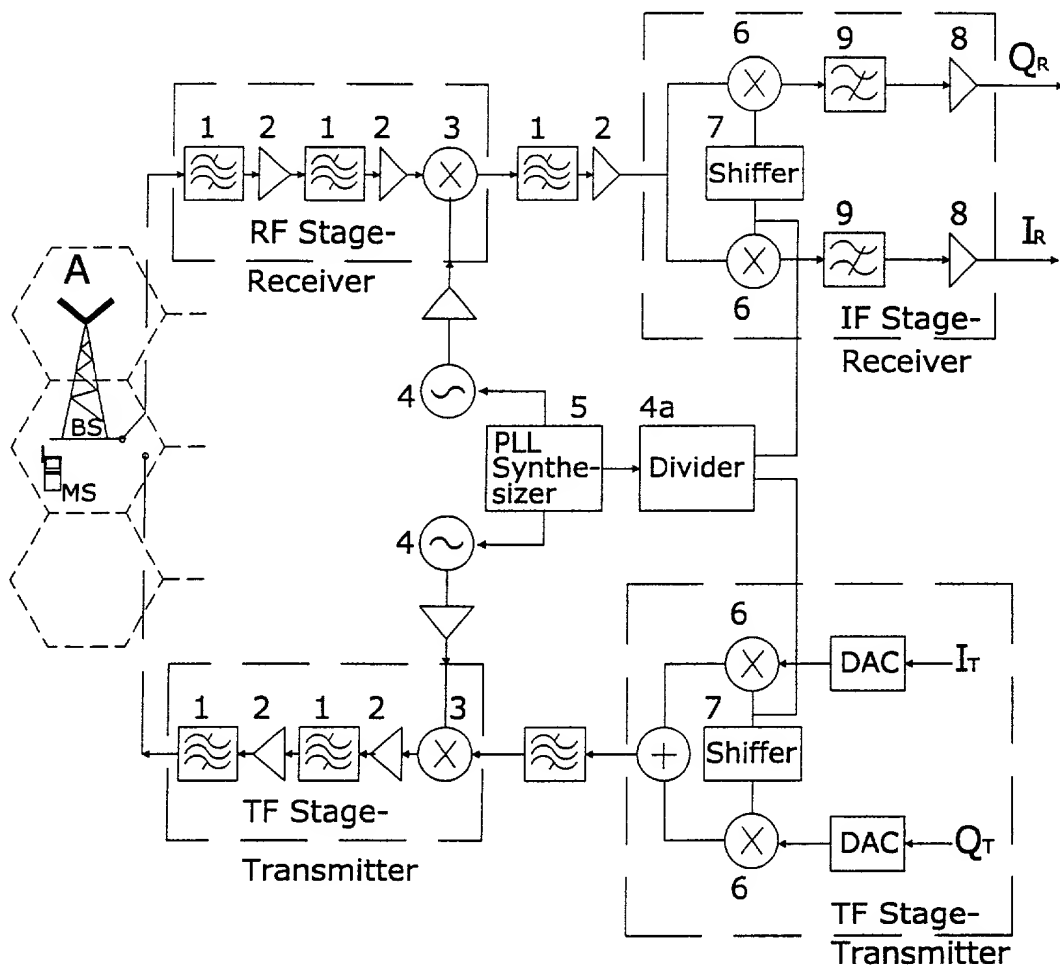


Fig. 4b Diagram of Location Device LD continued

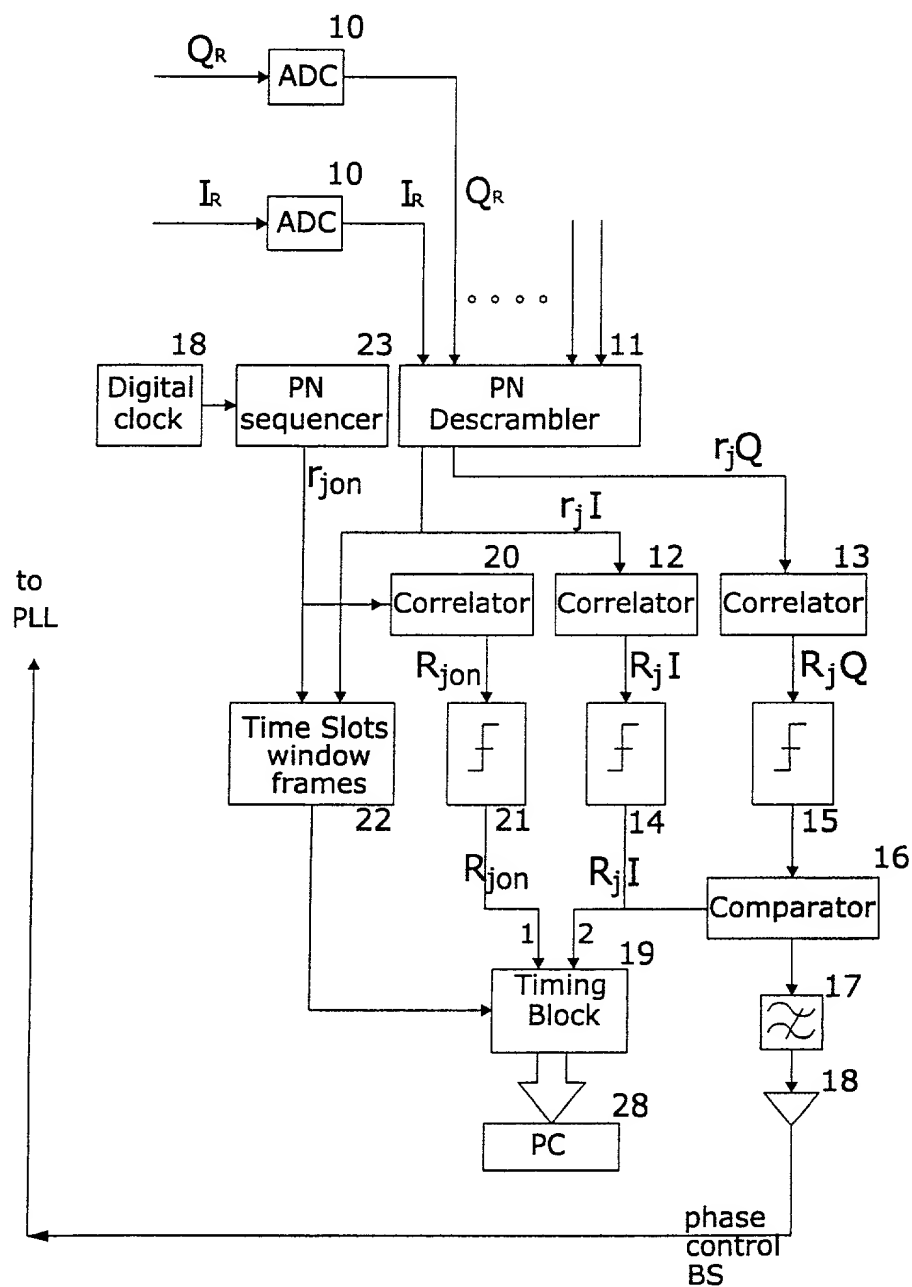


Fig. 5a Diagram of Unit 19-
Timing Block in Fig.4b

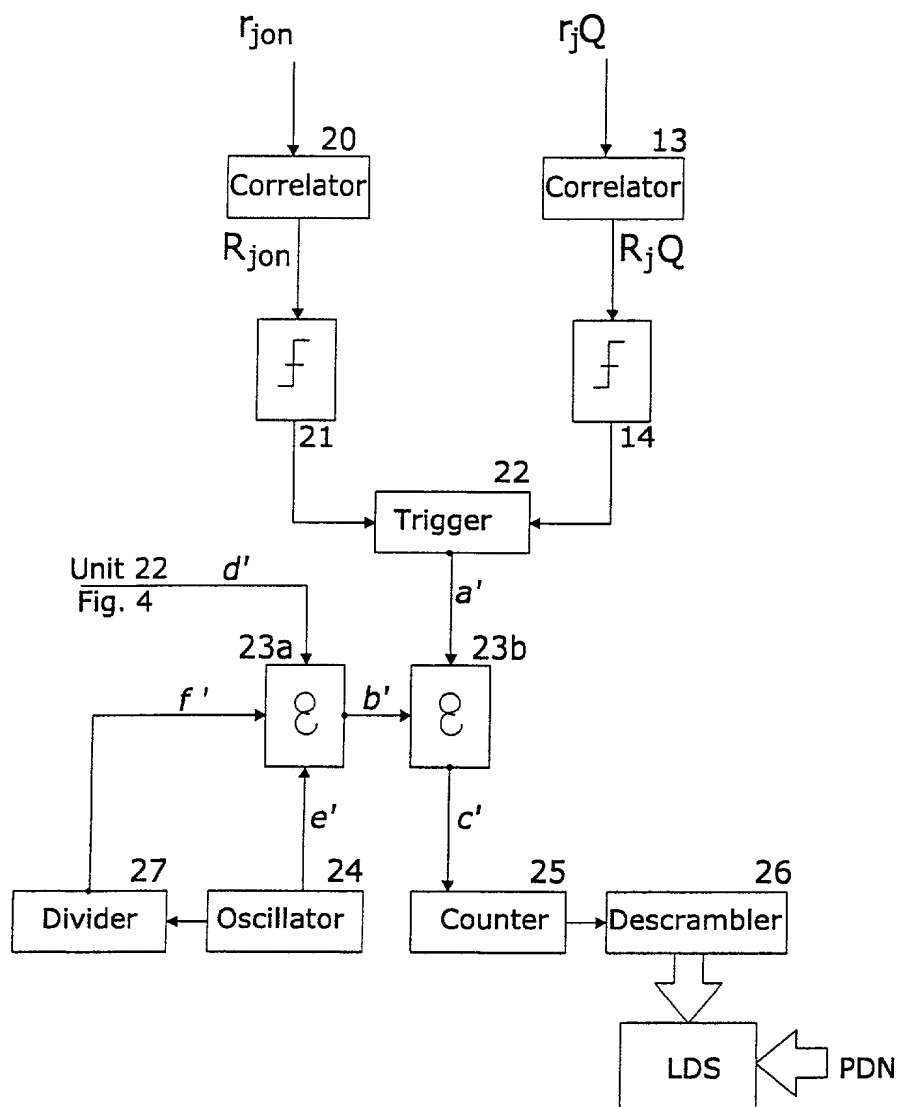


Fig. 5b Diagram of Signal Pulses

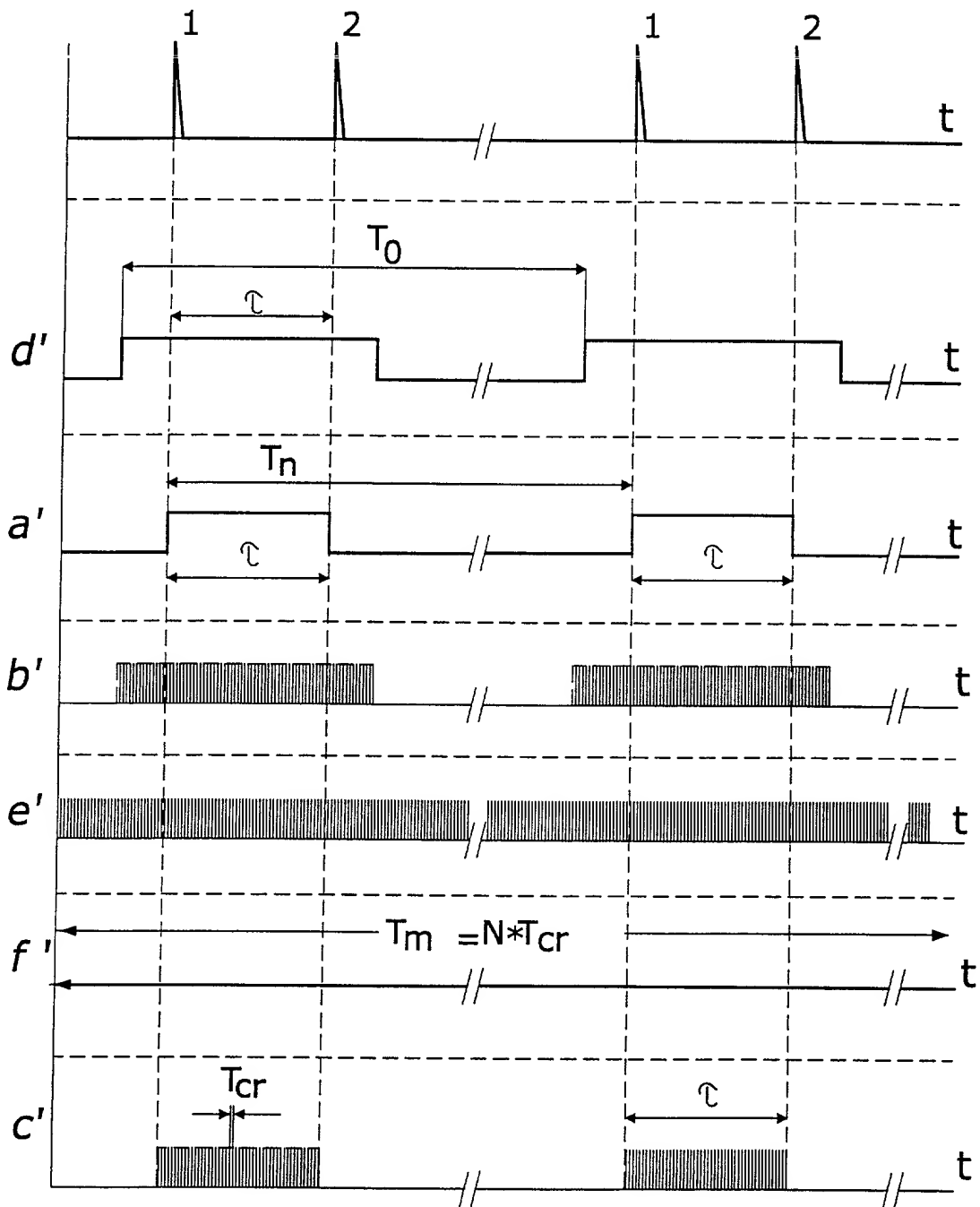
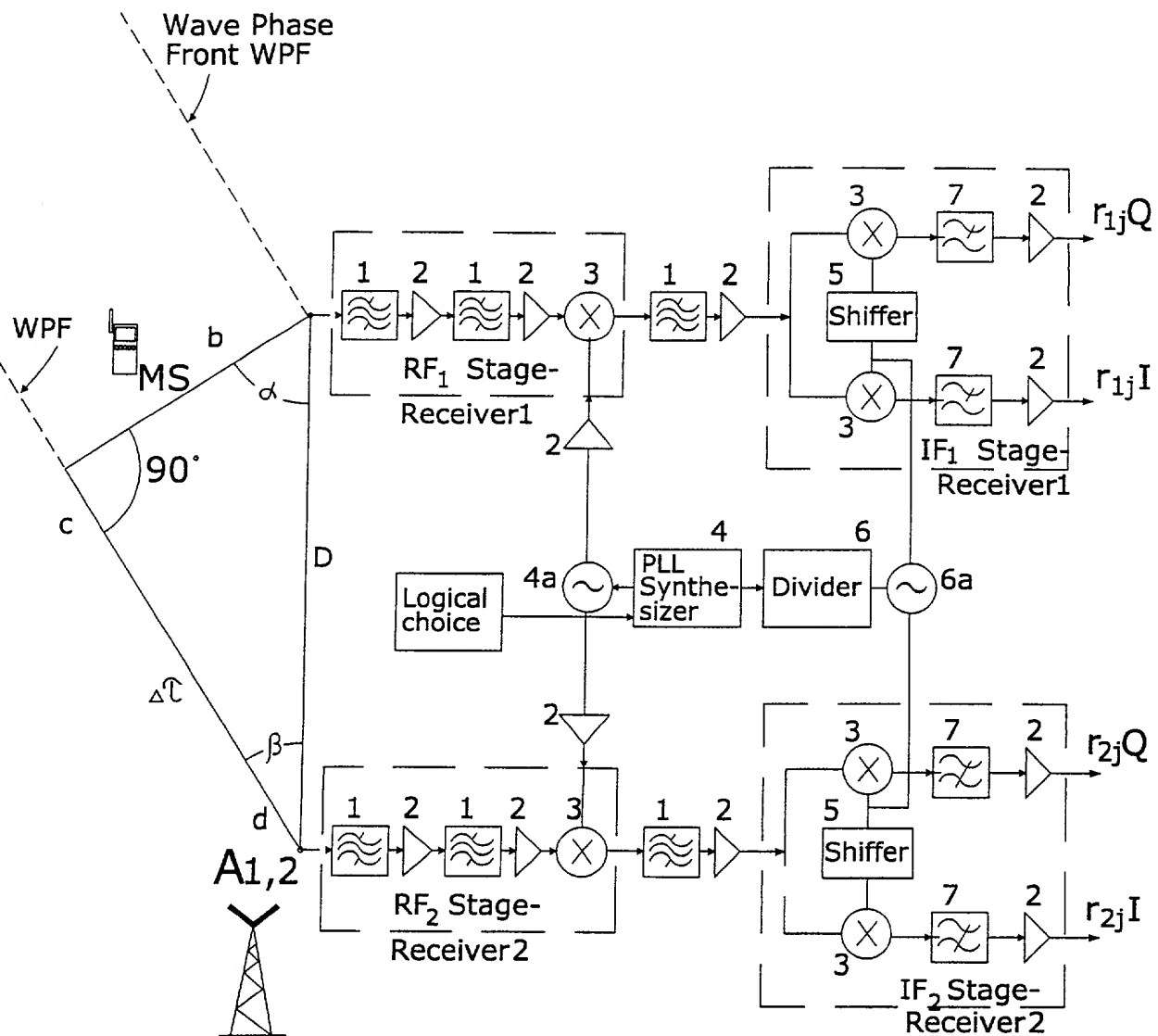


Fig. 6a Diagram of 2-Receiver Configuration



The first of these is the fact that the
 Journal of the American Medical Association
 has been the only one of the four
 to publish a special issue on the
 topic of "The Role of the
 Physician in the Health Care
 System." This issue, which was
 published in the November 1978
 issue, was edited by Dr. Robert
 M. Hays, of the University of
 Illinois at Chicago. It contained
 a number of articles, including
 one by Dr. Hays himself, which
 discussed the role of the physician
 in the health care system. The
 other three journals have not
 published any special issues on
 this topic.

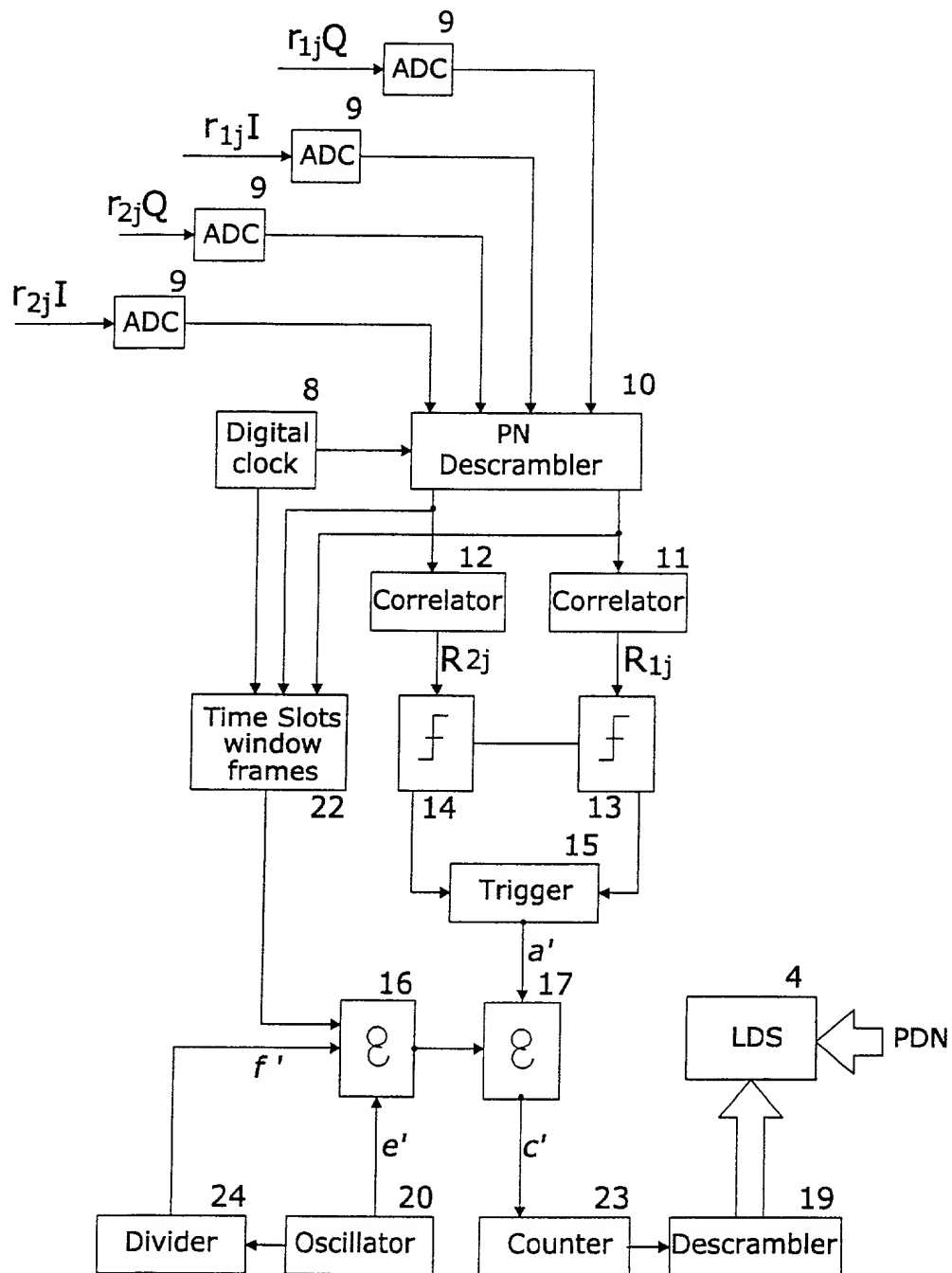


Fig. 7 TDOA 3-D Representation

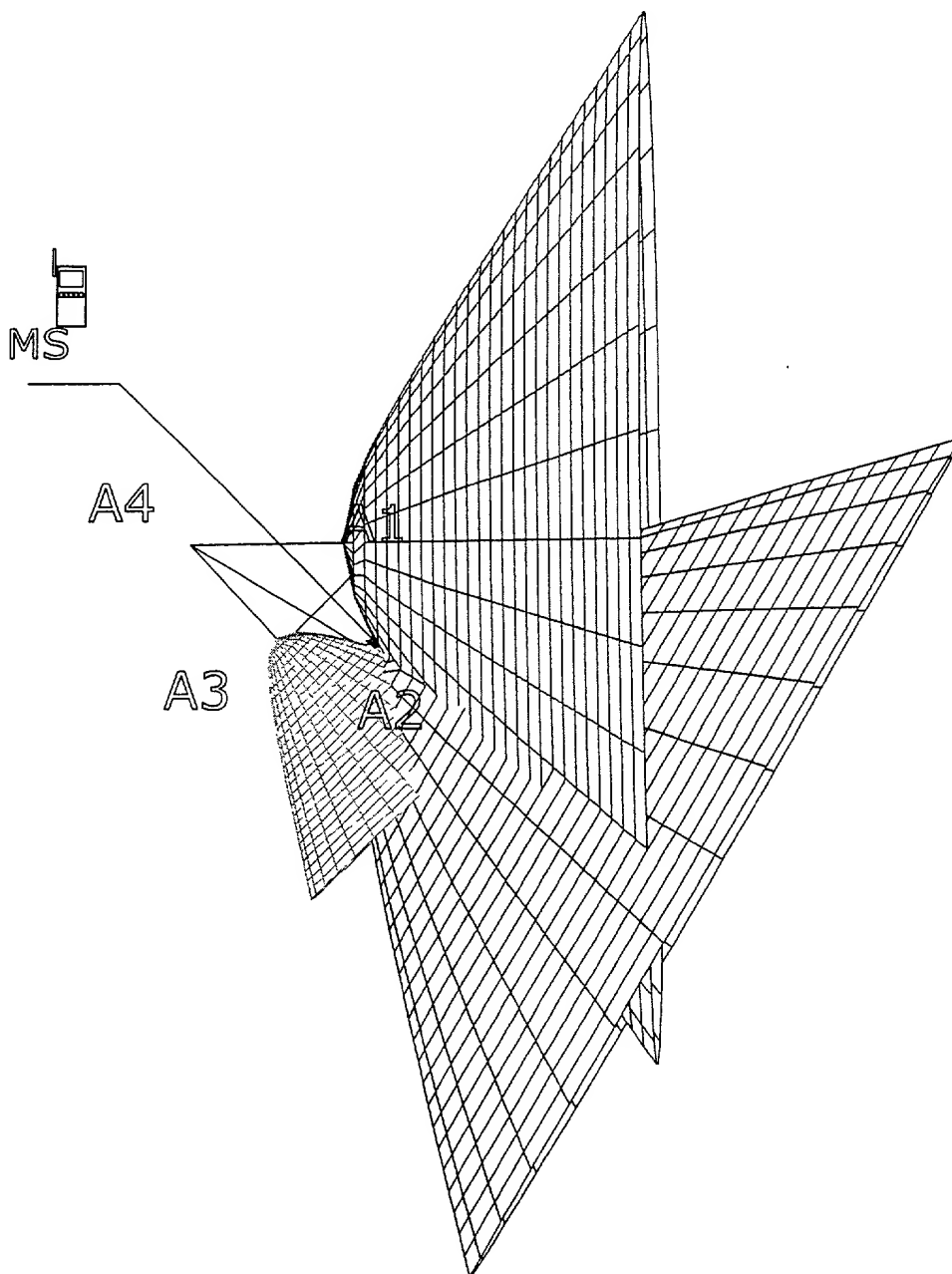


Fig. 8
Wireless 3D Hyperbolic
Trilateral Location Method

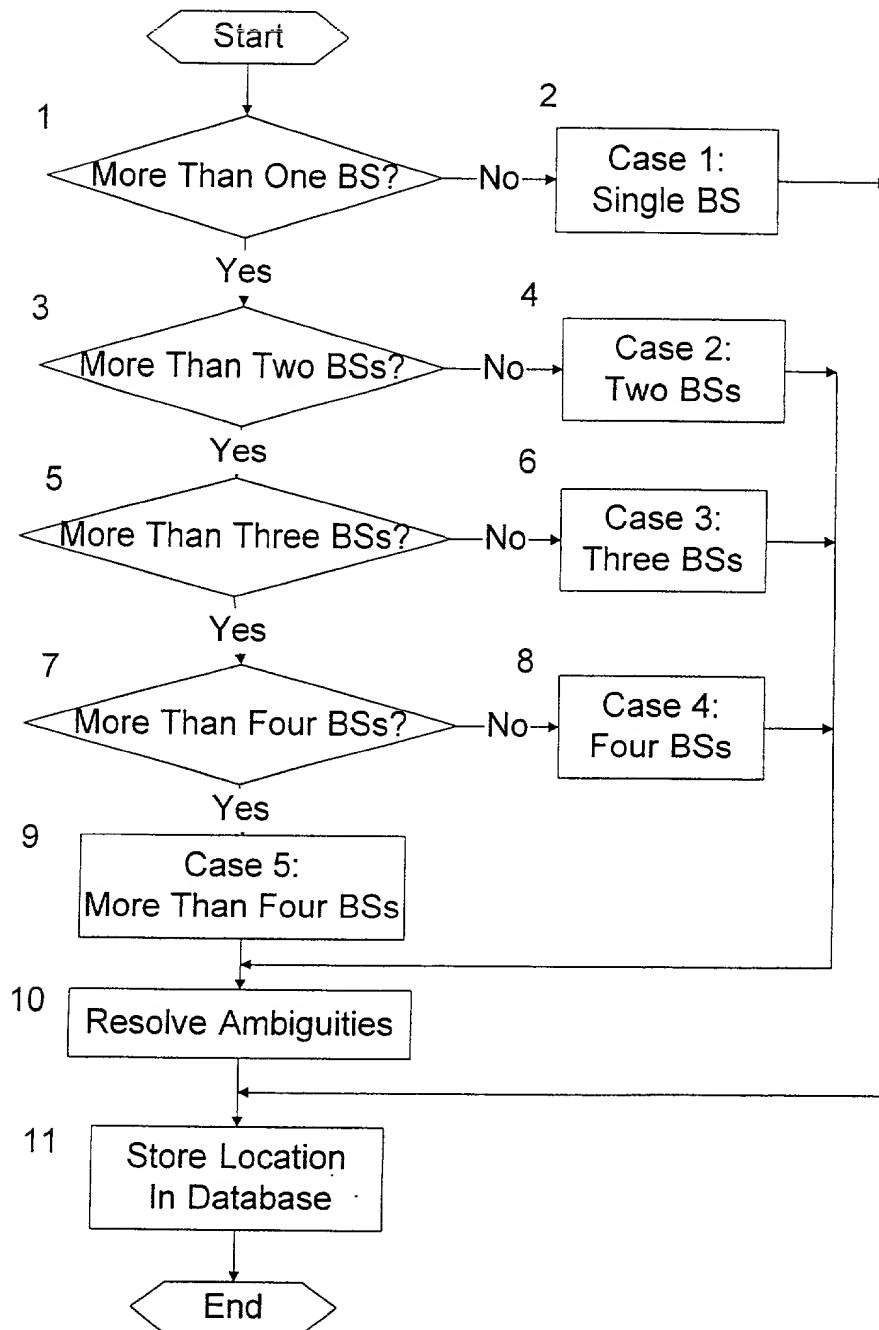


Fig. 9 Single Base Station

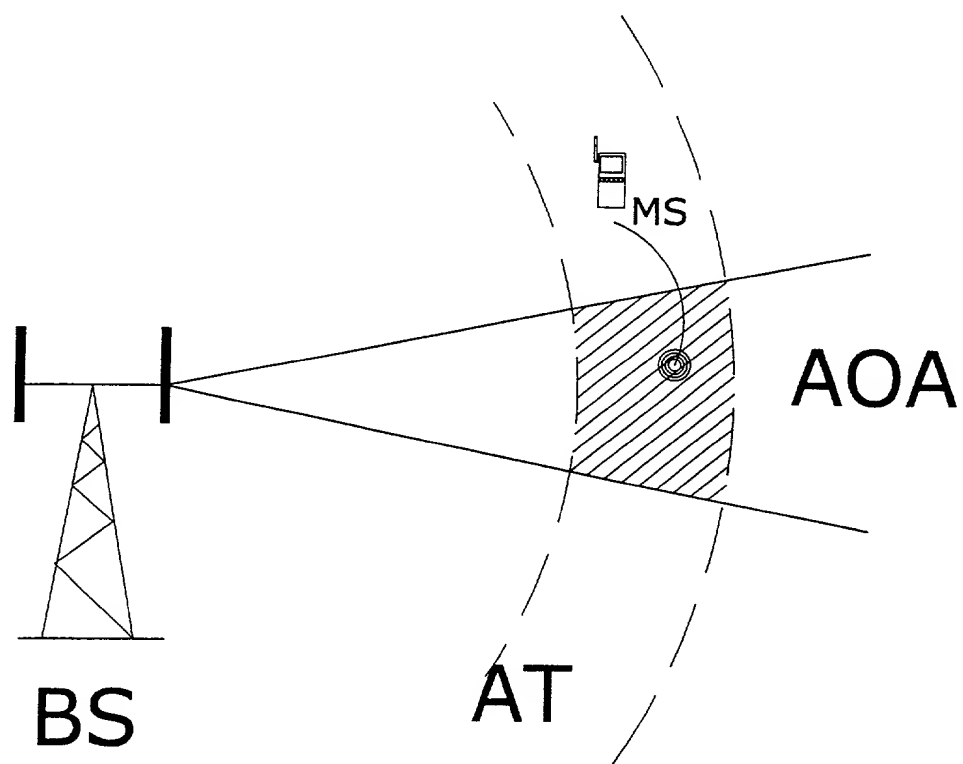


Fig. 10 Two Base Stations

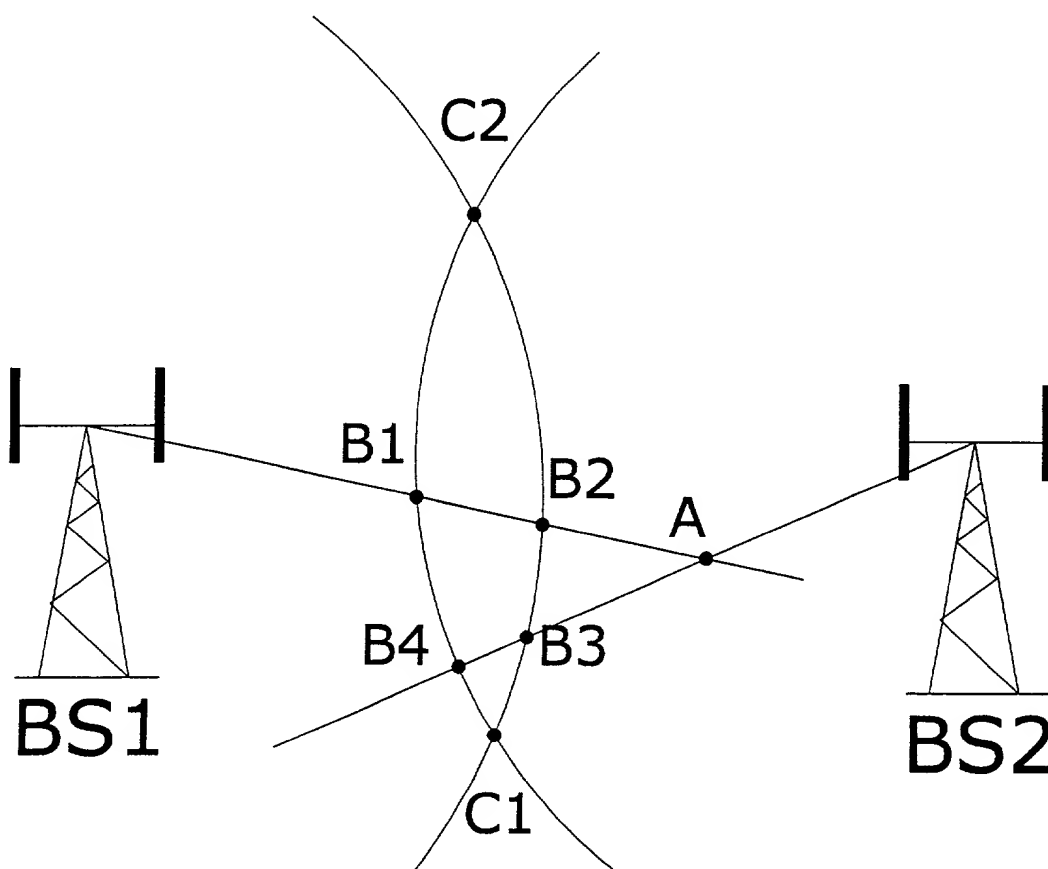


Fig. 11a Three Base Stations: AOA Method

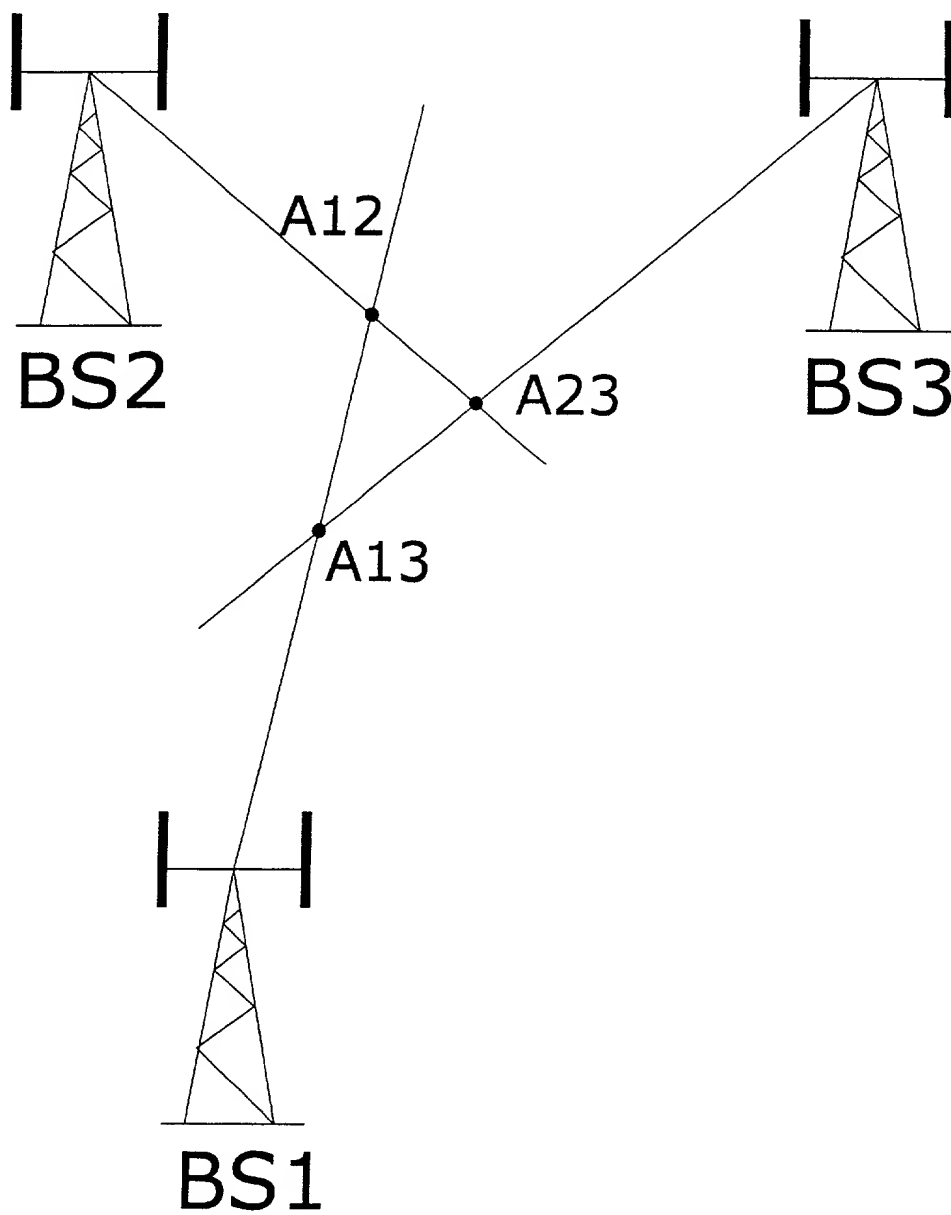


Fig. 11b Three Base Stations

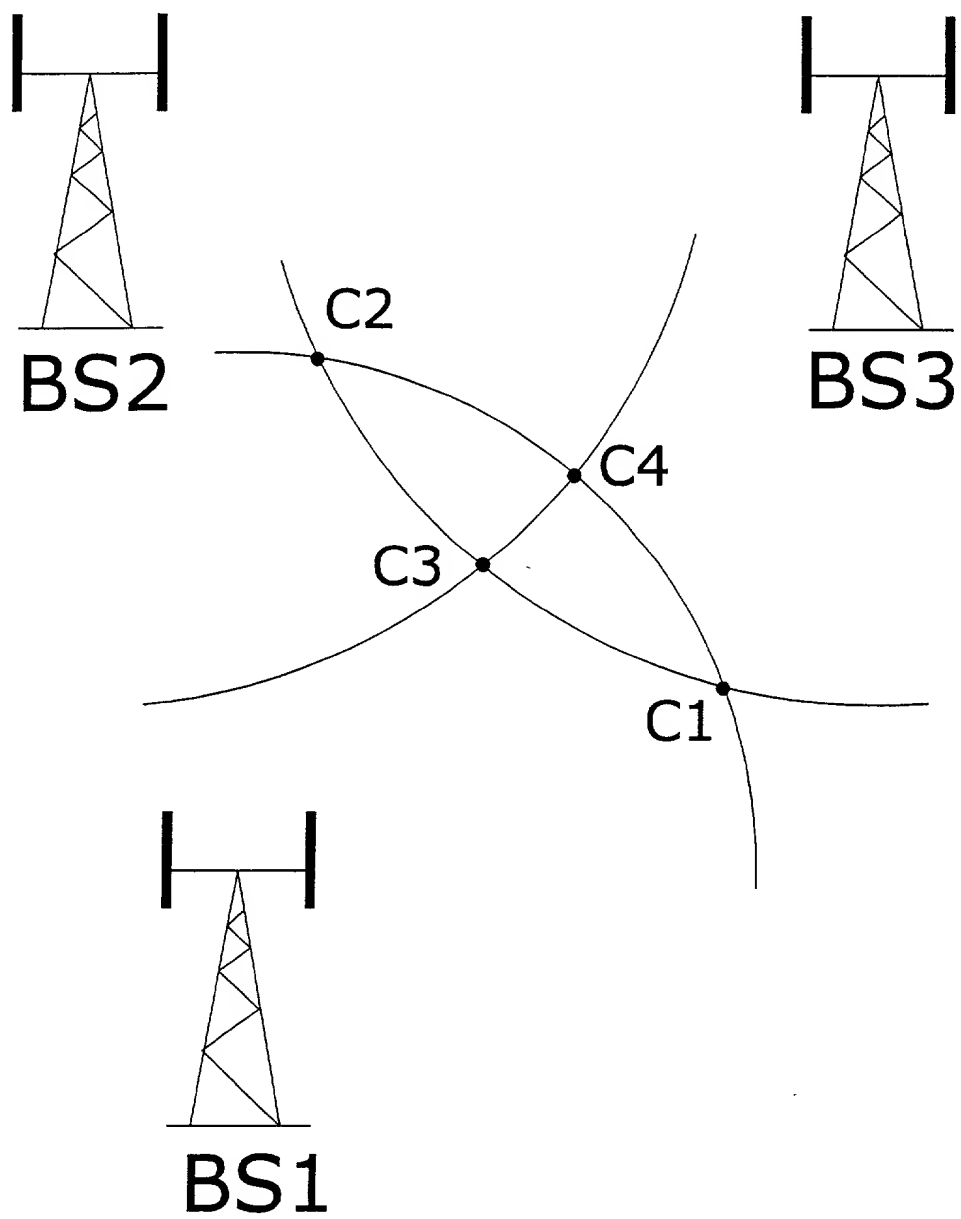


Fig. 12a
Computations For Case of
Three Base Stations

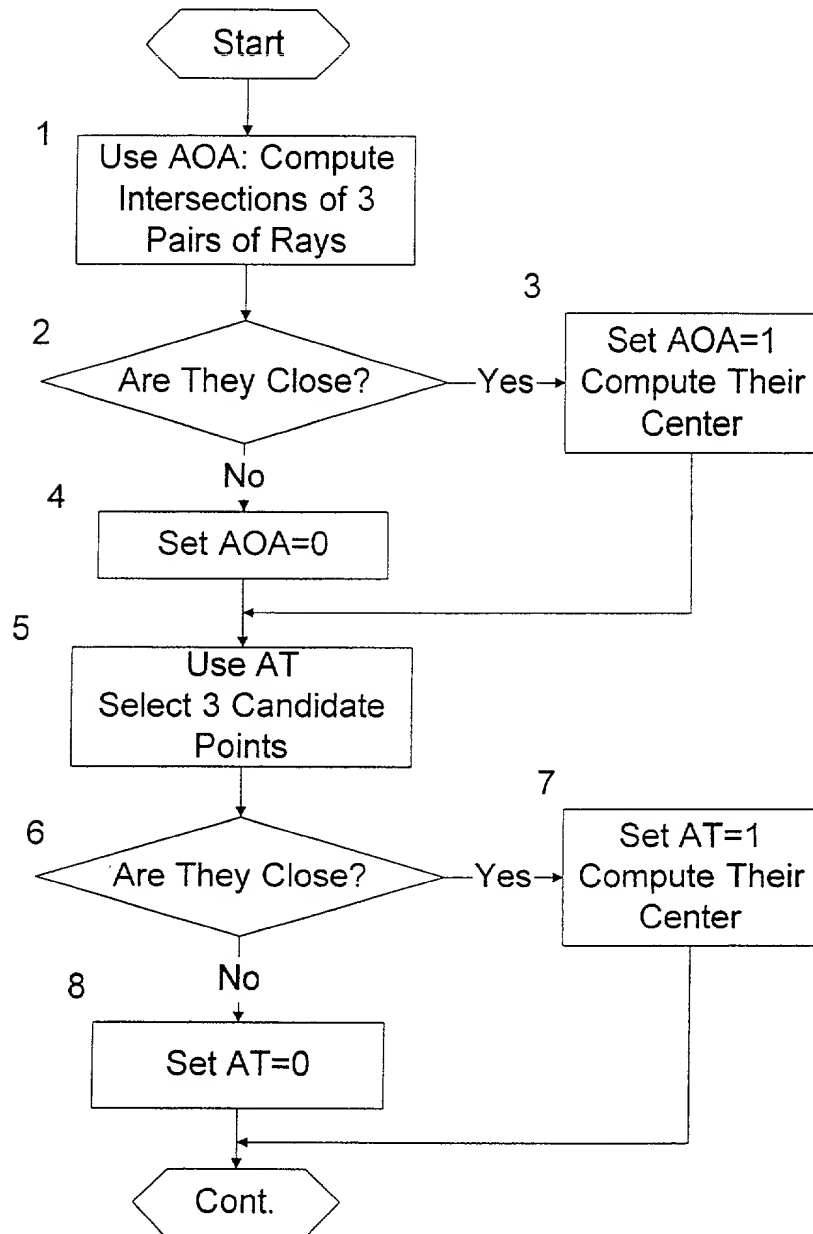


Fig. 12b
Computations For Case of
Three Base Stations (cont.)

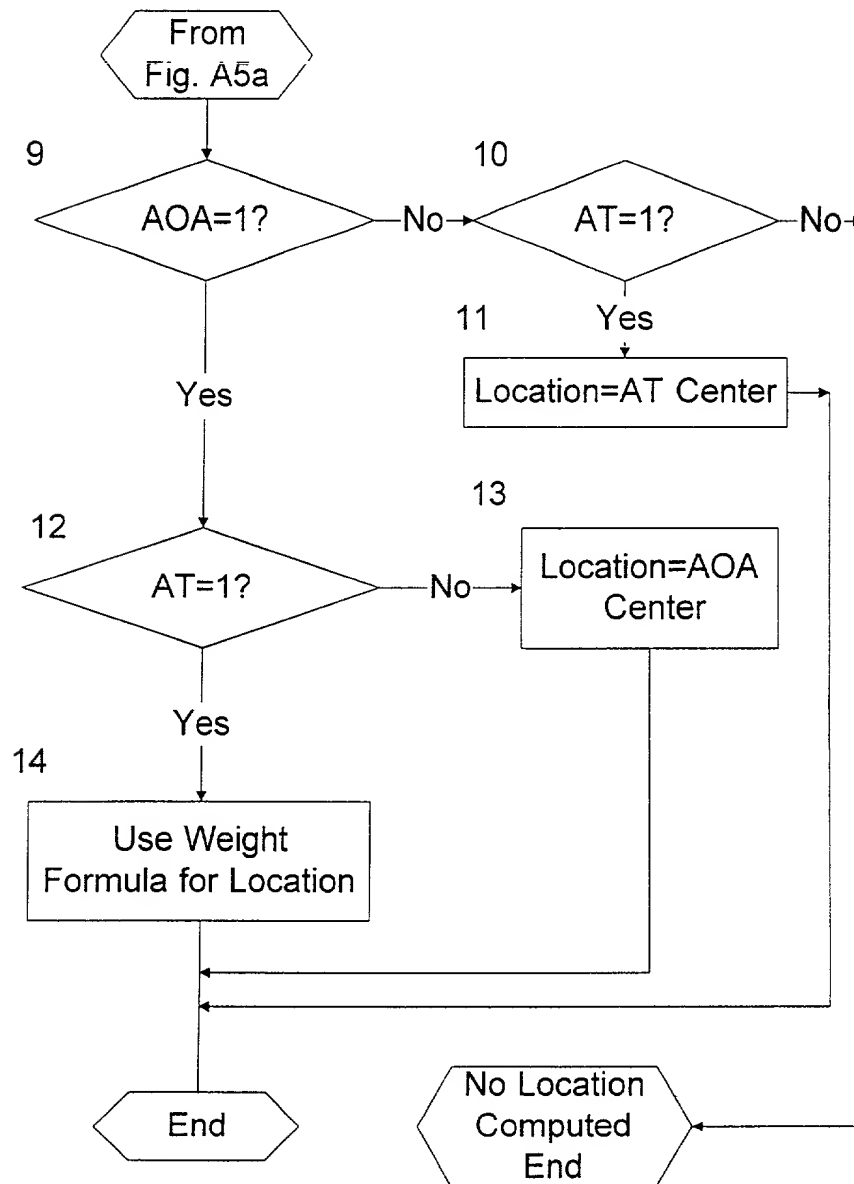


Fig. 13 Four Base Stations

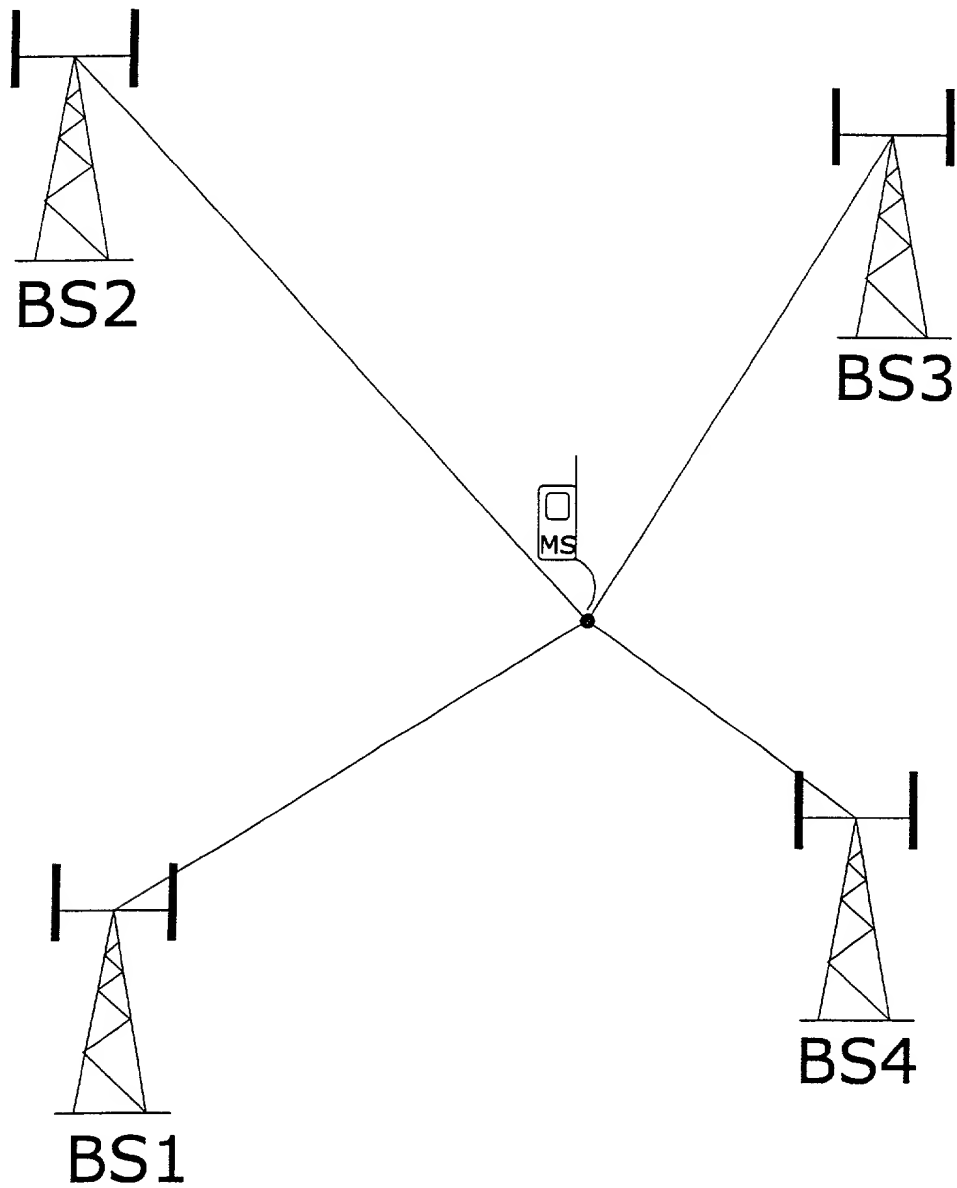


Fig. 14
Computations for Case of
Four Base Stations

